

Supplementary Material

Multicollinearity Analysis for Social Susceptibility.

		S_AGRI	S_CHI	S_CON	S_AGE	S_DRI	S_SEC	S_ELE	S_EMP	S_FEM	S_FOO	S_GIN	S_HEA	S_HIV	S_INC	S_INF	S_LIT	S_MAR	S_MAS	S_MAT	S_MOR	S_POV	S_RUR	S_TOI
S_AGRI	Correlation Coefficient	1.000	0.169	-0.021	.273*	0.255	-0.124	.440**	-.374**	-0.070	-.311*	.414**	-0.028	.480**	0.190	-0.068	-.306*	.398**	.455**	-0.048	.416**	0.083	.470**	0.057
	Sig. (2-tailed)		0.216	0.877	0.044	0.058	0.364	0.001	0.007	0.607	0.021	0.002	0.836	0.000	0.160	0.621	0.022	0.002	0.000	0.727	0.001	0.542	0.000	0.675
	N		55	56	55	56	56	56	50	56	55	56	56	56	56	56	56	56	56	56	56	56	56	56
S_CHI	Correlation Coefficient		1.000	-0.169	.629**	0.125	0.074	.315*	-.418**	.610**	-0.242	-0.140	-0.155	0.074	0.023	0.025	-0.096	0.205	-.367**	0.201	-0.126	0.018	0.151	0.111
	Sig. (2-tailed)			0.208	0.000	0.353	0.585	0.018	0.002	0.000	0.073	0.298	0.249	0.590	0.864	0.853	0.477	0.127	0.005	0.133	0.349	0.895	0.262	0.410
	N			57	55	57	57	56	51	57	56	57	57	56	57	57	57	57	57	57	57	57	57	57
S_CON	Correlation Coefficient			1.000	-0.091	0.114	0.047	-0.223	0.176	-0.209	0.065	0.042	-0.057	0.087	0.251	-0.154	0.057	-0.079	0.162	0.004	0.045	0.083	0.229	-0.147
	Sig. (2-tailed)				0.503	0.394	0.725	0.096	0.213	0.116	0.628	0.757	0.669	0.519	0.057	0.247	0.673	0.557	0.223	0.978	0.737	0.534	0.084	0.272
	N				56	58	58	57	52	58	57	58	58	57	58	58	58	58	58	58	58	58	58	58
S_AGE	Correlation Coefficient				1.000	.618**	-.397**	.506**	-.532**	.551**	0.005	.486**	0.228	0.118	0.182	.362**	-.523**	.431**	-.293*	.277*	-.315*	.374**	0.198	.352**
	Sig. (2-tailed)					0.000	0.002	0.000	0.000	0.000	0.971	0.000	0.091	0.391	0.180	0.006	0.000	0.001	0.028	0.038	0.018	0.004	0.144	0.008
	N					56	56	55	50	56	55	56	56	55	56	56	56	56	56	56	56	56	56	56
S_DRI	Correlation Coefficient					1.000	.473**	.645**	0.258	-0.213	-0.206	.382**	-.401**	0.040	0.219	-.471**	.642**	-.588**	0.020	-0.128	0.206	-.445**	-0.026	-.373**
	Sig. (2-tailed)						0.000	0.000	0.065	0.108	0.125	0.003	0.002	0.770	0.099	0.000	0.000	0.000	0.881	0.339	0.121	0.000	0.846	0.004
	N						58	57	52	58	57	58	58	57	58	58	58	58	58	58	58	58	58	58
S_SEC	Correlation Coefficient						1.000	-.280*	.279*	0.167	-.318*	.303*	-.475**	0.043	0.246	-.314*	.709**	-.573**	-0.202	-0.091	0.223	-.430**	-0.094	-0.148
	Sig. (2-tailed)							0.035	0.045	0.209	0.016	0.021	0.000	0.753	0.062	0.016	0.000	0.000	0.128	0.498	0.092	0.001	0.482	0.268
	N							57	52	58	57	58	58	57	58	58	58	58	58	58	58	58	58	58
S_ELE	Correlation Coefficient							1.000	-0.087	.299*	-0.048	-.330*	0.237	0.028	0.120	.300*	-.560**	.462**	-0.026	0.196	-0.040	0.199	-0.088	0.251
	Sig. (2-tailed)								0.544	0.024	0.725	0.012	0.076	0.833	0.373	0.023	0.000	0.000	0.851	0.145	0.769	0.137	0.516	0.060
	N								51	57	56	57	57	57	57	57	57	57	57	57	57	57	57	57
S_EMP	Correlation Coefficient								1.000	-.317*	0.042	.487**	0.105	0.205	0.046	0.032	0.228	-0.253	0.116	-0.169	0.082	-0.214	-.303*	0.088
	Sig. (2-tailed)									0.022	0.772	0.000	0.461	0.148	0.744	0.822	0.104	0.070	0.413	0.232	0.563	0.127	0.029	0.534
	N									52	51	52	52	51	52	52	52	52	52	52	52	52	52	52
S_FEM	Correlation Coefficient									1.000	-0.110	-0.117	-0.043	0.243	0.076	0.104	-0.020	-0.047	-.579**	.319*	-.299*	-0.042	0.025	0.083
	Sig. (2-tailed)										0.415	0.380	0.747	0.068	0.573	0.438	0.880	0.729	0.000	0.015	0.023	0.753	0.851	0.534
	N										57	58	58	57	58	58	58	58	58	58	58	58	58	58
S_FOO	Correlation Coefficient										1.000	-0.110	0.156	.268*	0.123	0.182	-0.176	0.034	-0.140	0.050	-0.232	.354**	-.263*	0.093
	Sig. (2-tailed)											0.417	0.245	0.046	0.363	0.175	0.190	0.801	0.299	0.709	0.082	0.007	0.048	0.490
	N											57	57	56	57	57	57	57	57	57	57	57	57	57
S_GIN	Correlation Coefficient											1.000	0.008	0.233	-.290*	-0.029	.363**	-.377**	-0.135	-0.018	-0.036	-.563**	-0.244	-0.138
	Sig. (2-tailed)												0.951	0.082	0.027	0.826	0.005	0.004	0.312	0.893	0.789	0.000	0.065	0.300
	N												58	57	58	58	58	58	58	58	58	58	58	58
S_HEA	Correlation Coefficient												1.000	.308*	.730**	.685**	-.523**	0.242	-0.132	0.131	-.457**	.320*	-0.246	.479**
	Sig. (2-tailed)													0.020	0.000	0.000	0.000	0.068	0.323	0.327	0.000	0.014	0.063	0.000
	N													57	58	58	58	58	58	58	58	58	58	58

		S_AGRI	S_CHI	S_CON	S_AGE	S_DRI	S_SEC	S_ELE	S_EMP	S_FEM	S_FOO	S_GIN	S_HEA	S_HIV	S_INC	S_INF	S_LIT	S_MAR	S_MAS	S_MAT	S_MOR	S_POV	S_RUR	S_TOI
S_HIV	Correlation Coefficient													1.000	.357**	0.239	0.109	-.379**	-.736**	.457**	-.490**	0.003	-.575**	0.215
	Sig. (2-tailed)														0.006	0.073	0.418	0.004	0.000	0.000	0.000	0.983	0.000	0.109
	N														57	57	57	57	57	57	57	57	57	57
S_INC	Correlation Coefficient													1.000	-.631**	.261*	-0.128	.373**	-.110	.512**	-.153	.479**	-.490**	
	Sig. (2-tailed)														0.000	0.048	0.337	0.004	0.413	0.000	0.253	0.000	0.000	
	N														58	58	58	58	58	58	58	58	58	58
S_INF	Correlation Coefficient													1.000	-.447**	.342**	-.286*	0.044	-.397**	.288*	-.423**	.457**		
	Sig. (2-tailed)														0.000	0.009	0.030	0.745	0.002	0.028	0.001	0.000		
	N														58	58	58	58	58	58	58	58	58	58
S_LIT	Correlation Coefficient													1.000	-.756**	-.139	-0.088	.304*	-.470**	-.127	-.405**			
	Sig. (2-tailed)														0.000	0.299	0.510	0.020	0.000	0.343	0.002			
	N														58	58	58	58	58	58	58	58	58	58
S_MAR	Correlation Coefficient													1.000	.328*	0.028	-0.045	.418**	0.198	0.138				
	Sig. (2-tailed)														0.012	0.832	0.736	0.001	0.137	0.303				
	N														58	58	58	58	58	58	58	58	58	58
S_MAS	Correlation Coefficient													1.000	-.384**	.596**	-0.035	.429**	-0.223					
	Sig. (2-tailed)														0.003	0.000	0.793	0.001	0.092					
	N														58	58	58	58	58	58	58	58	58	58
S_MAT	Correlation Coefficient													1.000	-0.137	-0.031	-0.160	-0.036						
	Sig. (2-tailed)														0.306	0.817	0.231	0.789						
	N														58	58	58	58	58	58	58	58	58	58
S_MOR	Correlation Coefficient													1.000	-.271*	0.251	-.431**							
	Sig. (2-tailed)														0.040	0.057	0.001							
	N														58	58	58	58	58	58	58	58	58	58
S_POV	Correlation Coefficient													1.000	0.016	.383**								
	Sig. (2-tailed)														0.904	0.003								
	N														58	58	58	58	58	58	58	58	58	58
S_RUR	Correlation Coefficient													1.000	-0.110									
	Sig. (2-tailed)														0.413									
	N														58	58	58	58	58	58	58	58	58	58
S_TOI	Correlation Coefficient													1.000										
	Sig. (2-tailed)																							
	N																							

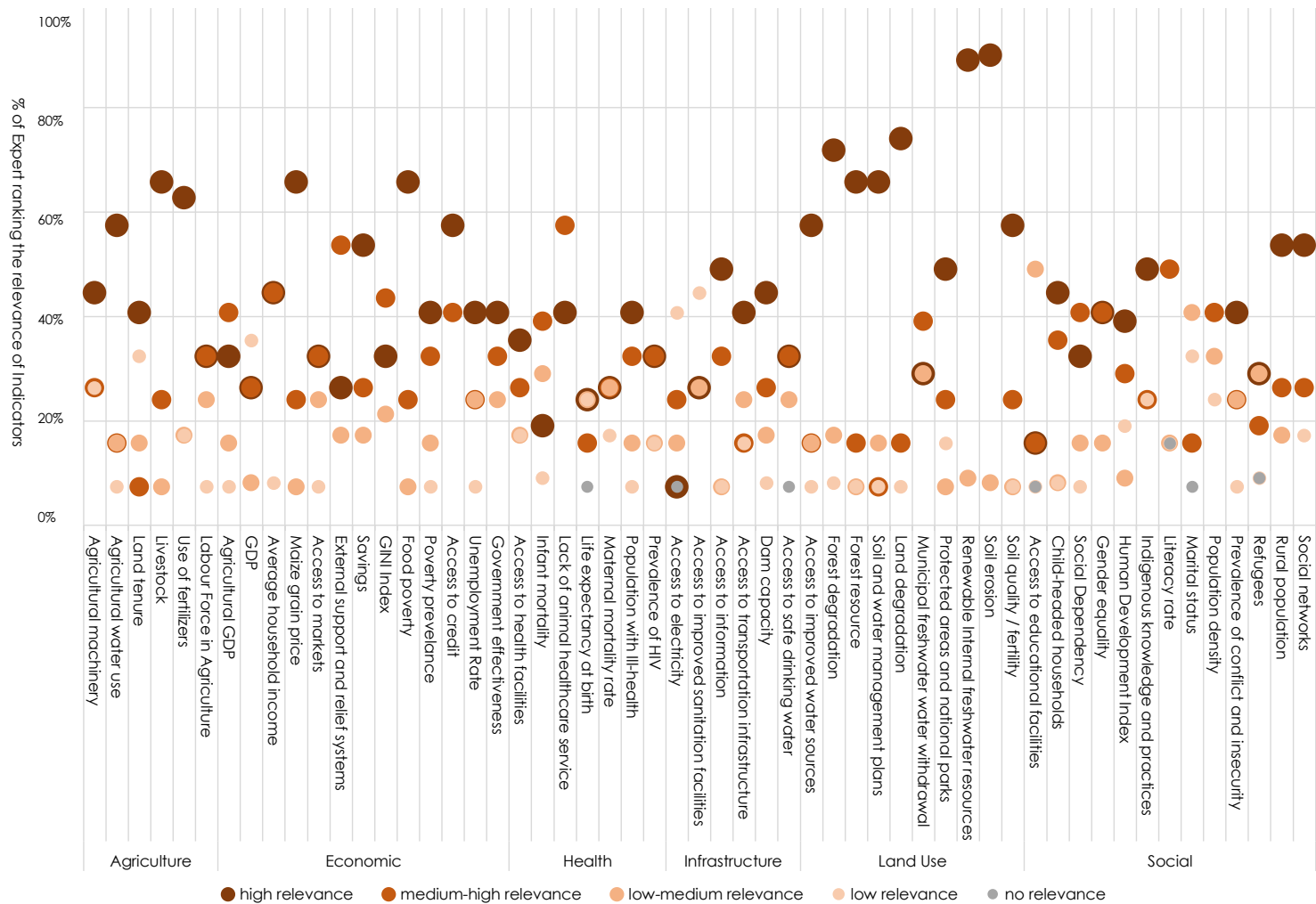
Multicollinearity Analysis for Environmental Susceptibility.

		E_DEF	E_NAT	E_SOIL	E_TREE
E_DEF	Correlation Coefficient	1.000	-0.091	.531**	.510**
	Sig. (2-tailed)		0.499	0.000	0.000
	N		58	58	58
E_NAT	Correlation Coefficient		1.000	-0.020	-0.030
	Sig. (2-tailed)			0.882	0.820
	N			58	58
E_SOIL	Correlation Coefficient			1.000	.709**
	Sig. (2-tailed)				0.000
	N				58
E_TREE	Correlation Coefficient				1.000
	Sig. (2-tailed)				
	N				

Multicollinearity Analysis for Lack of Coping Capacity.

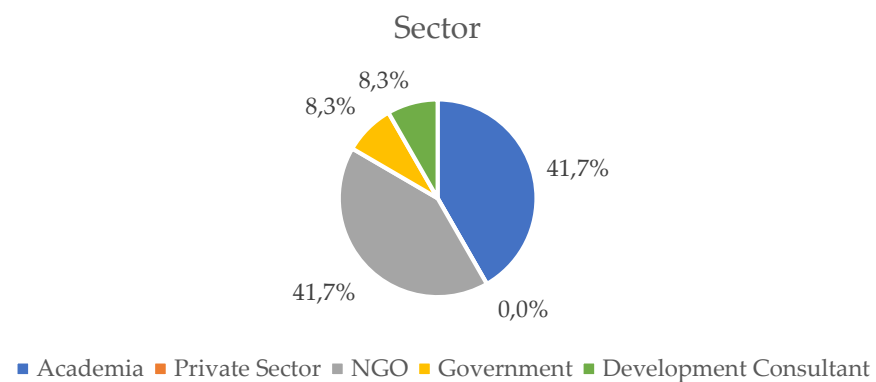
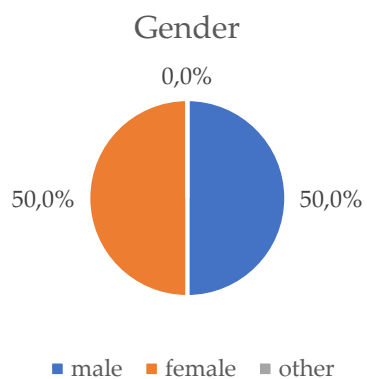
		C_DAM	C_LIV	C_REM	C_REN	C_WAT
C_DAM	Correlation Coefficient	1.000	0.077	.341*	-0.065	-0.102
	Sig. (2-tailed)		0.568	0.015	0.632	0.449
	N		57	50	57	57
C_LIV	Correlation Coefficient		1.000	0.138	-0.039	0.081
	Sig. (2-tailed)			0.336	0.771	0.545
	N			51	58	58
C_REM	Correlation Coefficient			1.000	-.307*	-0.046
	Sig. (2-tailed)				0.029	0.747
	N				51	51
C_REN	Correlation Coefficient				1.000	0.223
	Sig. (2-tailed)					0.093
	N					58
C_WAT	Correlation Coefficient					1.000
	Sig. (2-tailed)					
	N					

Relevance of drought vulnerability indicators based on expert opinions.

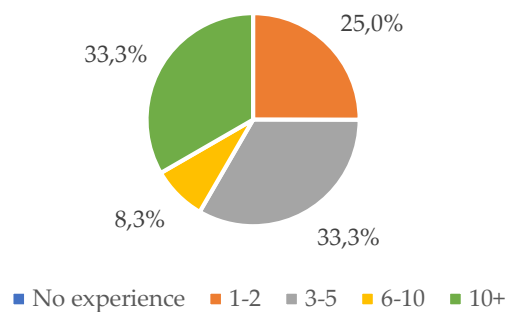


Institutions and backgrounds of experts that participated in the survey on drought vulnerability indicators.

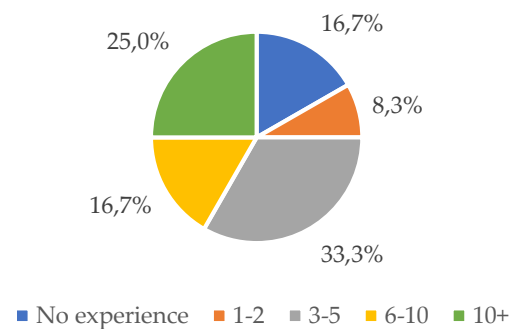
- Welthungerhilfe Zimbabwe
- Department of Civil Protection, Zimbabwe
- Department of Agricultural and Resource Economics, University of Arizona, Tucson, USA
- School of Agricultural Sciences and Technology, Chinhoyi University of Technology Zimbabwe
- University of the Free State, South Africa
- University of Zimbabwe, Harare, Zimbabwe



Years of work experience in Zimbabwe

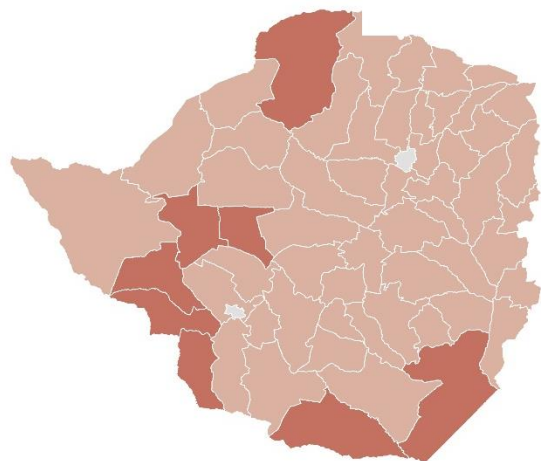


Years of work experience with droughts

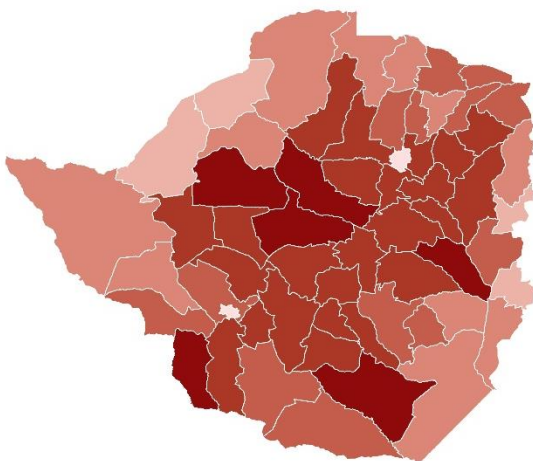


Drought Vulnerability by subcategory.

(a) Social Susceptibility



(b) Ecosystem Susceptibility



(c) Lack of Coping Capacities

